

Publications

- Albers, J. R.**, and M. Newman, (2019): A Priori Identification of Skillful Extratropical Subseasonal Forecasts. *Geophys. Res. Lett.*, **46**, 12527-12536.
- Alvaro de la Camara, Thomas Birner, **J. R. Albers**, (2019): Are Sudden Stratospheric Warmings Preceded by Anomalous Tropospheric Wave Activity? *J. of Climate* , **32** , 7173-7189
- Annarita Mariotti, Cory Baggett, Elizabeth A. Barnes, Emily Becker, Amy Butler, Dan C. Collins, Paul A. Dirmeyer, Laura Ferranti, Nathaniel C. Johnson, Jeanine Jones, Ben P. Kirtman, Andrea L. Lang, Andrea Molod, Matthew Newman, Andrew W. Robertson, Siegfried Schubert, Duane E. Waliser, and **J. R. Albers**, (2019): Windows of Opportunity for Skillful Forecasts Subseasonal to Seasonal and Beyond *Bull. of the Amer. Met. Society*
- Edward J. Charlesworth, Thomas Birner, **J. R. Albers**, (2019): Ozone Transport-Radiation Feedbacks in the Tropical Tropopause Layer *Geophys. Res. Lett.* , **46**
- Kim, Y. -H., G. N. Kiladis, **J. R. Albers**, J. Dias, M. Fujiwara, J. W. Anstey, I. -S. Song, C. J. Wright, Y. Kawatani, F. Lott, and C. Yoo, (2019): Comparison of equatorial wave activity in the tropical tropopause layer and stratosphere represented in reanalysis. *Atmos. Chem. Phys.*
- Albers, J. R.**, J. Perlitz, A. H. Butler, T. Birner, G. N. Kiladis, Z. D. Lawrence, G. L. Manney, A. O. Langford, J. Dias (2018): Mechanisms governing interannual variability of stratosphere to troposphere ozone transport. *J. of Geophys. Res.*, **123**, 234-260.
- de la Camara, A., **J. R. Albers**, T. Birner, R. R. Garcia, P. Hitchcock, D. E. Kinnison, A. K. Smith (2017): Sensitivity of sudden stratospheric warmings to previous stratospheric conditions. *J. Atmos. Sci.*, **74**, 2857-2877.
- Birner, T. and **J. R. Albers** (2017): Sudden stratospheric warmings and anomalous upward wave activity flux. *SOLA*, **13A**, 8-12, doi:10.2151/sola.13A-002.
- Albers, J. R.**, G. N. Kiladis, T. Birner, and J. Dias (2016): Tropical upper tropospheric potential vorticity intrusions during sudden stratospheric warmings. *Journal of the Atmospheric Sciences*, **(73)**, 2361-2384.
- Albers, J. R.** and T. Birner, (2014): Relative roles of gravity and planetary waves in vortex preconditioning prior to sudden stratospheric warmings. *Journal of the Atmospheric Sciences*, **71**, 4028-4054.
- Albers, J. R.** and T. R. Nathan, (2013): Ozone loss and recovery and the preconditioning of upward propagating planetary wave activity. *Journal of the Atmospheric Sciences*, **70**, 3977-3994.
- Albers, J. R.**, J. P. McCormack, and T. R. Nathan, (2013): Ozone and the morphology of the planetary waveguide. *Journal of Geophysical Research*, **118**, 563-576.
- Albers, J. R.**, and T. R. Nathan, (2012): Pathways for communicating the effects of stratospheric ozone to the polar vortex: Role of zonally asymmetric ozone. *Journal of the Atmospheric Sciences*, **69**, 785-801.
- Nathan, T. R., **J. R. Albers**, and E. C. Cordero, (2011): Role of wave-mean flow interaction in sun-climate connections: Historical overview and some new interpretations and results. *J. Atm. Solar-Terr. Physics*, **73**, 1594–1605.